

TIRE HAVING TREAD STRUCTURE FOR IMPROVING STATIC
DISCHARGING PROPERTY

Technical Field

5 The present invention relates to a tread structure of
tires, and more particularly, to a tread structure, which
easily discharges static electricity generated within a
tire containing a great amount of silica.

10 Background Art

 Recently, as the development of low fuel consumption
tire is accelerated, the amount of silica used in preparing
a tire is gradually increased and also the ratio of silica
to carbon black is increased. Tire causes static
15 electricity therein by friction with a road surface upon
tire running. This generated static electricity is hardly
discharged to the outside of cars, so that it gives a
passenger unpleasant feelings by an electric shock when he
or she gets in or off a car. Furthermore, the static
20 electricity generated by friction with the road surface
generates electromagnetic waves while flowing through
conductive portions of the cars, so that it adversely
affects delicate portions of the cars, including a car
engine, etc.

25 Generally, in case of a tread containing carbon black,

OK TO ENTER
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